

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------|------------------|---------|---------------------|
| L1 | 383 | 380/239.ccls. | US-PGPUB; USPAT | OR | ON | 2009/03/04 12:38 |
| L2 | 1735 | 380/28.ccls. | US-PGPUB; USPAT | OR | ON | 2009/03/04 13:15 |
| L3 | 518 | 380/210.ccls. | US-PGPUB; USPAT | OR | ON | 2009/03/04 13:15 |
| L4 | 321 | 380/268.ccls. | US-PGPUB; USPAT | OR | ON | 2009/03/04 13:15 |
| S1 | 288 | 380/268.ccls. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:24 |
| S2 | 333 | 380/239.ccls. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:12 |
| S3 | 428 | 380/210.ccls. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:13 |
| S4 | 1382 | 380/28.ccls. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:13 |
| S5 | 1003 | S1 S2 S3 | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:13 |
| S6 | 1 | "7277545" .pn. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:26 |
| S7 | 23995 | scrambler scrambling scramble | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:42 |
| S8 | 708 | S7 and (disk disc dvd cd- rom compact) and (random pseudo-random) and servo | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:28 |
| S9 | 324 | S7 and (disk disc dvd cd- rom compact) and (random pseudo-random) and servo and sector and frame | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:28 |
| S10 | 157 | S7 and (disk disc dvd cd- rom compact) and (random pseudo-random) and servo and sector and frame and (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:36 |
| S11 | 324 | S7 and (disk disc dvd cd- rom compact) and (random pseudo-random) and servo and sector and frame | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:36 |

| | | | | | | |
|-----|------|--|------------------------|----|----|------------------|
| S12 | 280 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame and (ecc error adj correction) | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:37 |
| S13 | 136 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame and (ecc error adj correction) and (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:56 |
| S14 | 5 | ("20020012528" "5661707" "6125100" "6182263" "6898171"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/15 06:38 |
| S15 | 3747 | (scrambler scrambling scramble).clm. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:42 |
| S16 | 670 | (scrambler scrambling scramble).clm. and random.clm. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:42 |
| S17 | 137 | (scrambler scrambling scramble).clm. and random.clm. and frame.clm. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:42 |
| S18 | 24 | (scrambler scrambling scramble).clm. and random.clm. and frame.clm. and (exclusive "xor").clm. | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:43 |
| S19 | 3 | S18 and S13 | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:43 |
| S20 | 3 | S18 and S11 | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:43 |
| S21 | 2 | (US-6125100-\$ or US-5661707-\$).did. | USPAT | OR | ON | 2007/10/15 06:51 |
| S22 | 1 | (US-6125100-\$ or US-5661707-\$).did. and scamb\$ | USPAT | OR | ON | 2007/10/15 06:51 |
| S23 | 116 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame and (ecc error adj correction) and (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:56 |
| S24 | 86 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) and (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:56 |

| | | | | | | |
|-----|--------|---|-----------------|----|----|------------------|
| S25 | 0 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) same (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:56 |
| S26 | 198622 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) same (scrambler scrambling scamb\$4) (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:57 |
| S27 | 65 | S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) same (scrambler scrambling scamb\$4) and (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/15 06:57 |
| S28 | 1 | "5901159".pn. and (scamb\$) | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:07 |
| S29 | 1 | "5901159".pn. and (scamb\$ random) | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:20 |
| S30 | 1 | "5901159".pn. and (scamb\$ adj data) | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:16 |
| S31 | 19 | random adj data adj generator same scambl \$4 | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:17 |
| S32 | 19 | random adj data adj generator same scambl \$4 | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:17 |
| S33 | 1 | "5661707".pn. and (scamb\$ random) | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:21 |
| S34 | 8447 | shif\$3 same random same register | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:22 |
| S35 | 0 | shif\$3 same random same register same higher-most | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:22 |
| S36 | 248 | shif\$3 same random same register same higher | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:22 |
| S37 | 56 | shif\$3 same random same register same higher same lower | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:24 |
| S38 | 3 | shif\$3 same scambl\$3 same register same higher same lower | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:25 |

| | | | | | | |
|-----|------|---|--------------------|----|----|---------------------|
| S39 | 5 | ("5243303").URPN. | USPAT | OR | ON | 2007/10/15 07:25 |
| S40 | 314 | shift\$3 same noise same register same higher same lower | US-PGPUB; USPAT | OR | ON | 2007/10/15 07:25 |
| S41 | 140 | shift\$3 same noise same register same higher same lower | USPAT | OR | ON | 2007/10/15 07:25 |
| S42 | 2930 | 15-bit | US-PGPUB; USPAT | OR | ON | 2007/10/17 12:39 |
| S43 | 33 | 15-bit with serial with register | US-PGPUB; USPAT | OR | ON | 2007/10/17 12:39 |
| S44 | 20 | 15-bit with serial with register and random | US-PGPUB; USPAT | OR | ON | 2007/10/17 12:39 |
| S45 | 2 | 15-bit with serial with register same random | US-PGPUB; USPAT | OR | ON | 2007/10/17 12:40 |
| S46 | 1572 | serial with register same random | US-PGPUB; USPAT | OR | ON | 2007/10/17 12:40 |
| S47 | 130 | serial adj register same random | US-PGPUB; USPAT | OR | ON | 2007/10/17 12:40 |
| S48 | 91 | serial adj register same random and clock and shift\$5 | US-PGPUB; USPAT | OR | ON | 2007/10/17 15:54 |
| S49 | 33 | Wijesekera.in. | US-PGPUB; USPAT | OR | ON | 2007/10/17 15:54 |
| S50 | 1 | Wijesekera.in. and duminda.in. | US-PGPUB; USPAT | OR | ON | 2007/10/17 15:54 |
| S51 | 2 | kozelsky.in. | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:07 |
| S52 | 46 | random adj2 generator and serial adj register | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:07 |
| S53 | 1925 | random adj2 generator and register same shift\$4 same clock\$ | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:08 |
| S54 | 1185 | random adj2 generator and register same shift\$4 same clock\$ and (exclusive adj "or" "xor" "exor") | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:08 |
| S55 | 400 | random adj2 generator and register same shift\$4 same clock\$ and (exclusive adj "or" "xor" "exor") and (scrambler scrambling scramble) | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:09 |
| S56 | 117 | random adj2 generator and register same shift\$4 same clock\$ same (exclusive adj "or" "xor" "exor") and (scrambler scrambling scramble) | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:25 |

| | | | | | | |
|-----|------|--|---------------------------|----|----|---------------------|
| S57 | 2930 | "15-bit" | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:25 |
| S58 | 1508 | "15-bit" and random | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:25 |
| S59 | 234 | "15-bit" and random with generator | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:25 |
| S60 | 202 | "15-bit" and random with generator and shift | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:25 |
| S61 | 86 | "15-bit" and random with generator and shift and (exclusive adj "or" "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:31 |
| S62 | 943 | random with generator. clm. and shift.clm. | US-PGPUB; USPAT | OR | ON | 2007/10/17 17:05 |
| S63 | 494 | random with generator. clm. and shift.clm. and bit. clm. | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:31 |
| S64 | 110 | random with generator. clm. and shift.clm. and bit. clm. and exclusive.clm. | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:31 |
| S65 | 99 | random with generator. clm. and shift.clm. and bit. clm. and exclusive.clm. and register.clm. | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:32 |
| S66 | 23 | random with generator. clm. and shift.clm. and bit. clm. and exclusive.clm. and register.clm. and (scramble scrambler scrambling) | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:32 |
| S67 | 631 | lower adj register | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:57 |
| S68 | 43 | lower adj register and higher adj register | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:57 |
| S69 | 18 | lower adj register and higher adj register and shift | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:59 |
| S70 | 417 | left-shifting | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:59 |
| S71 | 75 | left-shifting and "xor" | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:59 |
| S72 | 65 | left-shifting and "xor" and register | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:59 |
| S73 | 39 | left-shifting and "xor" and register and random | US-PGPUB; USPAT | OR | ON | 2007/10/17 16:59 |
| S74 | 5 | ("20020012528" "5661707" "6125100" "6182263" "6898171"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/17 17:03 |
| S75 | 0 | random near generator near bit near (shift shifting) | US-PGPUB; USPAT | OR | ON | 2007/10/17 17:05 |

| | | | | | | |
|-----|--------|--|--|----|----|---------------------|
| S76 | 0 | random\$3 near generat\$4 near bit near (shift shifting) | US-PGPUB; USPAT | OR | ON | 2007/10/17 17:06 |
| S77 | 1079 | random\$3 with generat\$4 with bit with (shift shifting) | US-PGPUB; USPAT | OR | ON | 2007/10/17 17:06 |
| S78 | 718014 | random\$3 neargenerat\$4 with bit with (shift shifting) | US-PGPUB; USPAT | OR | ON | 2007/10/17 17:06 |
| S79 | 214 | random\$3 near generat\$4 with bit with (shift shifting) | US-PGPUB; USPAT | OR | ON | 2007/10/17 17:06 |
| S80 | 130 | random\$3 near generat\$4 with bit with (shift shifting) | USPAT | OR | ON | 2007/10/17 17:09 |
| S81 | 59 | noise near generat\$4 with bit with (shift shifting) | USPAT | OR | ON | 2007/10/17 17:12 |
| S82 | 294 | "15-bit" adj2 register | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 17:12 |
| S83 | 196 | "15-bit" adj2 register and generato\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 17:13 |
| S84 | 286 | "15-bit" adj2 register and generat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 17:13 |
| S85 | 269 | "15-bit" adj2 register and generat\$4 and shift\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 17:14 |
| S86 | 151 | "15-bit" adj2 register and generat\$4 and shift\$4 with left\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 19:41 |
| S87 | 331 | scrambler with (exclusive adj "or" "XOR") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 20:02 |
| S88 | 7 | ("4974184" "5090035" "5258936" "5331581" "5631962" "5638309" "5867409").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/17 19:54 |
| S89 | 114 | scrambler with (exclusive adj "or" "XOR") with register | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/17 20:02 |

| | | | | | | |
|-----|-----|--|--------------------|----|----|------------------|
| S90 | 59 | scrambler with (exclusive adj "or" "XOR") with register | USPAT | OR | ON | 2007/10/17 20:03 |
| S91 | 123 | scrambler.ti. | USPAT | OR | ON | 2007/10/17 20:08 |
| S92 | 0 | "15-bit adj register" | USPAT | OR | ON | 2007/10/17 20:08 |
| S93 | 100 | "15-bit" adj register | USPAT | OR | ON | 2007/10/17 20:08 |
| S94 | 17 | "15-bit" adj register and random adj3 generat\$ | USPAT | OR | ON | 2007/10/17 20:10 |
| S95 | 1 | "5661707".pn. and (generat\$ register shift\$ random\$ exclusive "xor") | USPAT | OR | ON | 2007/10/17 20:12 |
| S96 | 1 | "5661707".pn. and (generat\$ register shift\$ random\$ exclusive "xor" bit) | USPAT | OR | ON | 2007/10/17 20:15 |
| S97 | 147 | ("6067121" "5023612" "5790058" "5835529" "6028886" "6211805" "6211805" "3886313" "3809817" "4013837" "4020285" "4790009" "5606317" "5668879" "5710754" "5881047" "5898394" "5920625" "5966377" "6005477" "6226302" "6226302" "6269129" "6314097" "6327262" "6414983" "6415005" "6765506" "6873278" "6917321" "6959152" "7031614" "7054401" "7076063" "7079572" "7092979" "7106970" "7161972" "7234097" RE39771 "7263121" "7277545" "20010001617" "20010049665" "20020057730" "20030007549" "20030133498" "20030161638" "20030223582" "20040130466" "20040196973" "20040196974" "20040205352" "20040219896" "20040258014" "20050008150" "20050069028" "20050094613" "20050094615" "20050108610" | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:16 |

"20050141410"
"20050213991"
"20050220457"
"20050226407"
"20060029225"
"20060123323"
"20060188026"
"4434323" "4773092"
"4802219" "4852166"
"5615340" "5751952"
"5790666" "4278840"
"4799257" "4807285"
"4959863" "5032024"
"5278907" "5491563"
"6208737" "6321565"
"6348884" "6385319"
"6400760" "6417952"
"6461583" "6867892"
"6934387" "6947617"
"7024559" "7062043"
"7116892" "7199740"
"20020037127"
"20020061005"
"20030152364"
"20030210403"
"20040042702"
"20040178934"
"20050078741"
"20050172132"
"20050185796"
"20050232531"
"20060013151"
"20060152926"
"20060204009"
"20070081757"
"20070110229"
"5862160" "4993029"
"6218977" "6218977"
"4304962" "4400054"
"4433425" "4864617"
"5191609" "5404142"
"5455860" "5499339"
"5526502" "5533054"
"5608755" "5757909"
"5768286" "5774548"
"5793871" "5796781"
"5812594" "5946355"
"5973625" "6124813"
"6167551" "3627928"
"3624562" "3649915"
"3925611" "3920894"
"3784743" "4069392"
"4091423" "4099027"
"4337659" "4352190"
"4368357" "4383322"
"4454538" "4476566").
pn.

| | | | | | | |
|-----|-----|---|--------------------|----|----|---------------------|
| S98 | 149 | ("5862160" "4993029" "6218977" "6218977" "4304962" "4400054" "4433425" "4864617" "5023612" "5191609" "5404142" "5455860" "5499339" "5526502" "5533054" "5608755" "5757909" "5768286" "5774548" "5790058" "5793871" "5796781" "5812594" "5946355" "5973625" "6124813" "6167551" "3627928" "3624562" "3649915" "3925611" "3920894" "3886313" "3809817" "3784743" "4013837" "4020285" "4069392" "4091423" "4099027" "4337659" "4352190" "4368357" "4383322" "4454538" "4476566" "4485674" "4502143" "4529308" "4531022" "4550341" "4558358" "4565927" "4573166" "4590519" "4603413" "4604650" "4605961" "4620294" "4771463" "4775984" "4782488" "4783699" "4790009" "4790010" H000570 "4803680" "4809363" "4811394" "4827509" "4827513" "4870682" "4875021" "4890303" "4903298" "4912760" "4914696" "4922537" "4924516" "4930139" "4937867" "4965766" "4965881" "5003592" "5008934" "5010333" "5014315" "5027372" "5058160" "5054069" "5031129" "5029207" "5177786" "5179592" "5185799" "5212558" "5214694" "5216714" "5222141" "5225772" "5231664" "5231665" "5235645" "5237590" "5237610" "5239581" "5245661" "5258941" "5265160" "5267316" "5270809" "5278906" "5278908" "5282249" "5283831" "5289541" "5293423" "5293633" "5309514" "5317635" | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:16 |
|-----|-----|---|--------------------|----|----|---------------------|

| | | | | | | |
|------|-----|---|--------------------|----|----|---------------------|
| | | "5319709" "5321754" "5323358" "5323462" "5323463" "5333197" "5335275" "5341399" "5341424" "5355409" "5355415" "5357249" "5361301" "5361323" "5369703" "5377265" "5387907" "5392254" "5392354" "5410600" "5412720" "5412724" "5420887" "5426699" "5430707" "5444561" "5448640" "5461310" "5463689" "5467397"). pn. | | | | |
| S99 | 250 | S97 S98 | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:16 |
| S100 | 249 | S99 and (generat\$ register shift\$ random\$ exclusive "xor" bit) | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:16 |
| S101 | 15 | S99 and (generat\$ same register same shift\$ same random\$ same (exclusive "xor") same bit) | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:17 |
| S102 | 0 | "6577647".pn. and scramb \$ | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:24 |
| S103 | 1 | "6577647".pn. and noise | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:29 |
| S104 | 1 | "6577647".pn. and (exclusive "xor") | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:30 |
| S105 | 1 | "6577647".pn. and (exclusive "xor" shift register) | US-PGPUB; USPAT | OR | ON | 2007/10/17 20:30 |
| S106 | 1 | "7277545" .pn. | US-PGPUB; USPAT | OR | ON | 2008/03/05 10:39 |
| S107 | 49 | ("4304962" "4993029" "6167551" "4433425" "4476566" "4771463" "4890303" "5191609" "5335275" "5404142" "5463689" "5515437" "5561713" "5590194" "5710754" "5790058" "6124813" "6226302" "6226302" "3624562" "3920894" "3886313" "3809817" "4013837" "4020285" "4337659" "4485674" "4531022" "4565927" "4590519" "4604650" "4605961" "4782488" "4811394" "4827513" "4870682" "4912760" "4924516" "4965881" "5031129" | US-PGPUB; USPAT | OR | ON | 2008/03/05 10:44 |

| | | | | | | |
|------|-----|--|--------------------|----|----|---------------------|
| | | "5177786" "5214694" "5235645" "5278906" "5283831" "5293423" "5321754" "5323358" "5357249" "5361323"). PN. | | | | |
| S108 | 296 | 380/268.ccls. | US-PGPUB; USPAT | OR | ON | 2008/03/05 10:44 |
| S109 | 50 | ("20040196973" "20040196974" "20060206780" "20030145196" "20030229886" "20050198504" "20050198505" "20040151090" "20060093147" "20050040975" "20040130466" "20060029225" "20030156720" "20030223582" "20040128589" "20050154966" "20060115087" "20020064277" "20050008036" "20050008150" "20060050878" "20060233360" "20070166038" "20010016862" "20010056562" "20060092772" "20060133468" "20010010722" "20020051542" "20070121946" "20020146131" "20050063489" "20050073945" "20060002454" "20060149678" "20060156412" "20020031219" "20040193664" "20060072908" "20020184578" "20010008001" "20070258488" "20010033663" "20050078016" "20070076873" "20030179631" "20030026323" "20060126833" "20020104055" "20010036274").PN. | US-PGPUB; USPAT | OR | ON | 2008/03/05 10:47 |

| | | | | | | |
|------|------|--|--------------------|----|----|---------------------|
| S110 | 458 | 380/210.ccls. | US-PGPUB; USPAT | OR | ON | 2008/03/05 10:50 |
| S111 | 351 | 380/239.ccls. | US-PGPUB; USPAT | OR | ON | 2008/03/05 10:51 |
| S112 | 3493 | scrambl\$ with random | US-PGPUB; USPAT | OR | ON | 2008/03/05 11:28 |
| S113 | 59 | scrambl\$ with random with cycle | US-PGPUB; USPAT | OR | ON | 2008/03/05 11:28 |
| S114 | 13 | scrambl\$ with random with cycle with (sector frame) | US-PGPUB; USPAT | OR | ON | 2008/03/05 11:28 |
| S115 | 19 | montgomery with polynomial | US-PGPUB; USPAT | OR | ON | 2008/03/06 09:56 |
| S116 | 119 | koc.in. | US-PGPUB; USPAT | OR | ON | 2008/03/06 10:11 |
| S117 | 9 | koc.in. and montgomery | US-PGPUB; USPAT | OR | ON | 2008/03/06 10:11 |
| S118 | 297 | 380/268.ccls. | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:44 |
| S119 | 354 | 380/239.ccls. | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:46 |
| S120 | 462 | 380/210.ccls. | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:47 |
| S121 | 1487 | 380/28.ccls. | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:48 |
| S122 | 147 | ("6067121" "5023612" "5790058" "5835529" "6028886" "6211805" "6211805" "3886313" "3809817" "4013837" "4020285" "4790009" "5606317" "5668879" "5710754" "5881047" "5898394" "5920625" "5966377" "6005477" "6226302" "6226302" "6269129" "6314097" "6327262" "6414983" "6415005" "6765506" "6873278" "6917321" "6959152" "7031614" "7054401" "7076063" "7079572" "7092979" "7106970" "7161972" "7234097" RE39771 "7263121" "7277545" "7339987" "4434323" "4773092" "4802219" "4852166" "5615340" "5751952" "5790666" "4278840" "4799257" "4807285" "4959863" "5032024" "5278907" "5491563" "6208737" | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:52 |

"6321565" "6348884"
"6385319" "6400760"
"6417952" "6461583"
"6867892" "6934387"
"6947617" "7024559"
"7062043" "7116892"
"7199740" "7292345"
"7313190" "6072185"
"5343204" "4797814"
"4941088" "5581688"
"5200914" "5507024"
"5511212" "5613091"
"6138123" "4852043"
"5008618" "5182678"
"5267349" "5321699"
"5386422" "5469444"
"6202099" "6236615"
"4394997" "4417520"
"4763004" "4892389"
"4949081" "4990905"
"5202755" "5406526"
"5608848" "5642111"
"5652880" "5708620"
"5732113" "5748554"
"5748787" "5793983"
"5805822" "5812998"
"5828507" "5847992"
"5852822" "5862008"
"5864867" "5930064"
"5930061" "5948082"
"6009235" "6078566"
"6088507" "6215783"
"6215783" "6236942"
"4270206" "4315315"
"4499461" "4533993"
"4853779" "4870286"
"4924408" "4951152"
"5208689" "5222201"
"5247396" "5260781"
"5296870" "5317134"
"5319743" "5351226"
"5376965" "5379127"
"5440547" "5446918"
"5463577" "5500908"
"5521940" "5530655"
"5542074" "5546549").
pn.

| | | | | | | |
|------|-----|---|--------------------|----|----|---------------------|
| S123 | 147 | ("6067121" "5023612" "5790058" "5835529" "6028886" "6211805" "6211805" "3886313" "3809817" "4013837" "4020285" "4790009" "5606317" "5668879" "5710754" "5881047" "5898394" "5920625" "5966377" "6005477" "6226302" "6226302" "6269129" "6314097" "6327262" "6414983" "6415005" "6765506" "6873278" "6917321" "6959152" "7031614" "7054401" "7076063" "7079572" "7092979" "7106970" "7161972" "7234097" RE39771 "7263121" "7277545" "7339987" "4434323" "4773092" "4802219" "4852166" "5615340" "5751952" "5790666" "4278840" "4799257" "4807285" "4959863" "5032024" "5278907" "5491563" "6208737" "6321565" "6348884" "6385319" "6400760" "6417952" "6461583" "6867892" "6934387" "6947617" "7024559" "7062043" "7116892" "7199740" "7292345" "7313190" "6072185" "5343204" "4797814" "4941088" "5581688" "5200914" "5507024" "5511212" "5613091" "6138123" "4852043" "5008618" "5182678" "5267349" "5321699" "5386422" "5469444" "6202099" "6236615" "4394997" "4417520" "4763004" "4892389" "4949081" "4990905" "5202755" "5406526" "5608848" "5642111" "5652880" "5708620" "5732113" "5748554" "5748787" "5793983" "5805822" "5812998" "5828507" "5847992" "5852822" "5862008" "5864867" "5930064" "5930061" "5948082" "6009235" "6078566" | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:52 |
|------|-----|---|--------------------|----|----|---------------------|

| | | | | | | |
|------|-----|---|--------------------|----|----|---------------------|
| | | "6088507" "6215783" "6215783" "6236942" "4270206" "4315315" "4499461" "4533993" "4853779" "4870286" "4924408" "4951152" "5208689" "5222201" "5247396" "5260781" "5296870" "5317134" "5319743" "5351226" "5376965" "5379127" "5440547" "5446918" "5463577" "5500908" "5521940" "5530655" "5542074" "5546549"). pn. | | | | |
| S124 | 149 | ("5862160" "4993029" "6218977" "6218977" "4304962" "4400054" "4433425" "4864617" "5023612" "5191609" "5404142" "5455860" "5499339" "5526502" "5533054" "5608755" "5757909" "5768286" "5774548" "5790058" "5793871" "5796781" "5812594" "5946355" "5973625" "6124813" "6167551" "3627928" "3624562" "3649915" "3925611" "3920894" "3886313" "3809817" "3784743" "4013837" "4020285" "4069392" "4091423" "4099027" "4337659" "4352190" "4368357" "4383322" "4454538" "4476566" "4485674" "4502143" "4529308" "4531022" "4550341" "4558358" "4565927" "4573166" "4590519" "4603413" "4604650" "4605961" "4620294" "4771463" "4775984" "4782488" "4783699" "4790009" "4790010" H000570 "4803680" "4809363" "4811394" "4827509" "4827513" "4870682" "4875021" "4890303" "4903298" "4912760" "4914696" "4922537" "4924516" "4930139" "4937867" "4965766" "4965881" "5003592" "5008934" "5010333" "5014315" "5027372" | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:52 |

| | | | | | | |
|------|-----|---|--------------------|----|----|---------------------|
| | | "5058160" "5054069" "5031129" "5029207" "5177786" "5179592" "5185799" "5212558" "5214694" "5216714" "5222141" "5225772" "5231664" "5231665" "5235645" "5237590" "5237610" "5239581" "5245661" "5258941" "5265160" "5267316" "5270809" "5278906" "5278908" "5282249" "5283831" "5289541" "5293423" "5293633" "5309514" "5317635" "5319709" "5321754" "5323358" "5323462" "5323463" "5333197" "5335275" "5341399" "5341424" "5355409" "5355415" "5357249" "5361301" "5361323" "5369703" "5377265" "5387907" "5392254" "5392354" "5410600" "5412720" "5412724" "5420887" "5426699" "5430707" "5444561" "5448640" "5461310" "5463689" "5467397"). pn. | | | | |
| S125 | 150 | ("20040196973" "20040196974" "20030223582" "20040130466" "20060029225" "20050008150" "20040128589" "20070258488" "20050040975" "20050063489" "20060233360" "20060133468" "20020037127" "20030007635" "20030210783" "20060050875" "20010049665" "20030161638" "20040205352" "20050094615" "20050108610" "20050141410" "20050213991" "20050220457" "20050204261" "20010001617" "20060072430" "20030156720" | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:52 |

"20020146131"
"20030145196"
"20050008036"
"20050073945"
"20050198504"
"20050198505"
"20060002454"
"20060050878"
"20060149678"
"20060156412"
"20060206780"
"20070166038"
"20080069253"
"20060078108"
"20020003876"
"20020009196"
"20030101405"
"20060036833"
"20060195766"
"20010033656"
"20020114451"
"20030108196"
"20040028224"
"20040071291"
"20040153652"
"20050147243"
"20060056623"
"20070021933"
"20070237327"
"20080021940"
"20020031167"
"20030123524"
"20050013346"
"20040061631"
"20040131033"
"20050010789"
"20050073447"
"20050275569"
"20060092060"
"20060202877"
"20060202878"
"20070223686"
"20080068232"
"20080068233"
"20020108015"
"20020194557"
"20030120881"
"20050190736"
"20050213754"
"20050281343"
"20070124629"
"20070260772"
"20020057730"
"20030007549"
"20030133498"
"20040219896"
"20040258014"
"20050069028"
"20050094613"
"20050226407"
"20060123323"

"20060188026"
"20020051273"
"20020123695"
"20020133323"
"20020151815"
"20030058428"
"20030165184"
"20030167020"
"20030179393"
"20030204312"
"20040022438"
"20040174322"
"20040193890"
"20040232966"
"20050118955"
"20050124865"
"20050163375"
"20050278357"
"20060095521"
"20060098752"
"20060129805"
"20060143453"
"20060291661"
"20070009150"
"20070011514"
"20070037624"
"20070055447"
"20070083803"
"20070086635"
"20070171754"
"20070183593"
"20070211826"
"20080000969"
"20080022232"
"20080025497"
"20020138721"
"20030014634"
"20030048902"
"20040264419"
"20050135617"
"20060093147"
"20030072059"
"20030229886"
"20030074380"
"20070244951"
"20070294327"
"20030048903"
"20070067692"
"20070266067"
"20020051542"
"20070121946"
"20010056562"
"20020062469"
"20020104055"
"20020133779"
"20060072908"
"20060092772"
"20060115087"
"20070297603"
"20010033444"
"20020003675").pn.

| | | | | | | |
|------|-----|---|--------------------|----|----|---------------------|
| S126 | 149 | ("5862160" "4993029" "6218977" "6218977" "4304962" "4400054" "4433425" "4864617" "5023612" "5191609" "5404142" "5455860" "5499339" "5526502" "5533054" "5608755" "5757909" "5768286" "5774548" "5790058" "5793871" "5796781" "5812594" "5946355" "5973625" "6124813" "6167551" "3627928" "3624562" "3649915" "3925611" "3920894" "3886313" "3809817" "3784743" "4013837" "4020285" "4069392" "4091423" "4099027" "4337659" "4352190" "4368357" "4383322" "4454538" "4476566" "4485674" "4502143" "4529308" "4531022" "4550341" "4558358" "4565927" "4573166" "4590519" "4603413" "4604650" "4605961" "4620294" "4771463" "4775984" "4782488" "4783699" "4790009" "4790010" H000570 "4803680" "4809363" "4811394" "4827509" "4827513" "4870682" "4875021" "4890303" "4903298" "4912760" "4914696" "4922537" "4924516" "4930139" "4937867" "4965766" "4965881" "5003592" "5008934" "5010333" "5014315" "5027372" "5058160" "5054069" "5031129" "5029207" "5177786" "5179592" "5185799" "5212558" "5214694" "5216714" "5222141" "5225772" "5231664" "5231665" "5235645" "5237590" "5237610" "5239581" "5245661" "5258941" "5265160" "5267316" "5270809" "5278906" "5278908" "5282249" "5283831" "5289541" "5293423" "5293633" "5309514" "5317635" | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:53 |
|------|-----|---|--------------------|----|----|---------------------|

| | | | | | | |
|------|-----|--|--------------------|----|----|---------------------|
| | | "5319709" "5321754" "5323358" "5323462" "5323463" "5333197" "5335275" "5341399" "5341424" "5355409" "5355415" "5357249" "5361301" "5361323" "5369703" "5377265" "5387907" "5392254" "5392354" "5410600" "5412720" "5412724" "5420887" "5426699" "5430707" "5444561" "5448640" "5461310" "5463689" "5467397"). pn. | | | | |
| S127 | 439 | S122 S123 S124 S125 S126 | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:53 |
| S128 | 50 | ("7092979" "7277545" "4304962" "4771463" "4811394" "4965881" "5323358" "5377265" "5946398" "6122376" "5031129" "5283831" "5920625" "7035412" "6167551" "6035044" "7075461" "4993029" "4433425" "4476566" "5177786" "5191609" "5335275" "5404142" "5463689" "5515437" "5561713" "5590194" "5898394" "6124813" "3920894" "3886313" "4013837" "4020285" "4531022" "4590519" "4604650" "4605961" "4782488" "4870682" "4912760" "5235645" "5321754" "5448640" "5467397" "5473696" "5488658" "5533033" "5539746" "5563948"). PN. | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:54 |

| | | | | | | |
|------|----|--|--------------------|----|----|---------------------|
| S129 | 50 | ("20040196973" "20040196974" "20060206780" "20030145196" "20030229886" "20050198504" "20050198505" "20040151090" "20060093147" "20050040975" "20040130466" "20060029225" "20030156720" "20030223582" "20040128589" "20050154966" "20060115087" "20020064277" "20050008036" "20050008150" "20060050878" "20060233360" "20070166038" "20010016862" "20010056562" "20060092772" "20010010722" "20060133468" "20020051542" "20070121946" "20020146131" "20050063489" "20050073945" "20060002454" "20060149678" "20060156412" "20080069253" "20020031219" "20040193664" "20060072908" "20010008001" "20020184578" "20070258488" "20010033663" "20050078016" "20070076873" "20030026323" "20030179631" "20060126833" "20020104055").PN. | US-PGPUB; USPAT | OR | ON | 2008/04/01 05:54 |
| S130 | 1 | "5901159".pn. and cycle | US-PGPUB; USPAT | OR | ON | 2008/04/01 06:15 |

| | | | | | | |
|------|-----|---|--------------------|----|----|---------------------|
| S131 | 50 | ("7277545" "20040196973" "6249582" "6897792" "7234097" "7269778" "20070165698" "20030110434" "20070168835" "6986094" "7218255" "20020027519" "20020172179" "7158058" "4091423" "4782488" "5420887" "5629983" "6823488" "6946981" "20040208199" "20040208565" "20060188001" "20060221760" "20070133804" "20070290902" "20080031450" "20040260934" "5404142" "6304482" "7415112" "20040062397" "20070280478" "20080130891" "20020062469" "20020104055" "6765506" "20040130466" "20060029225" "6836865" "7092979" "20030070127" "20050123133" "7103184" "20030210785" "20080232581" "20050078016" "5835602" "7159118" "20030014634").PN. | US-PGPUB; USPAT | OR | ON | 2008/10/15 12:56 |
| S132 | 151 | random with generator. clm. and (shift shifting). clm. and bit.clm. and ("xor" exclusive).clm. | US-PGPUB; USPAT | OR | ON | 2008/10/16 10:22 |

| | | | | | | |
|------|-------|---|--------------------|----|----|---------------------|
| S133 | 19 | (US-20020064277-\$ or US-20010016862-\$).did. or (US-5243303-\$ or US-4728929-\$ or US-5901159-\$ or US-5463606-\$ or US-6125100-\$ or US-5661707-\$ or US-6205197-\$ or US-6618711-\$ or US-6330292-\$ or US-6577647-\$ or US-6240432-\$ or US-5636279-\$ or US-5377266-\$ or US-5898394-\$ or US-4304962-\$ or US-4965881-\$ or US-7092979-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/10/16 10:35 |
| S134 | 13378 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creatiing) | US-PGPUB; USPAT | OR | ON | 2009/03/04 06:37 |
| S135 | 99 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creatiing) with (ecc error adj correct \$ adj code mac error adj check\$ adj code) | US-PGPUB; USPAT | OR | ON | 2009/03/04 06:38 |
| S136 | 383 | 380/239.ccls. | US-PGPUB; USPAT | OR | ON | 2009/03/04 06:56 |
| S137 | 53 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creatiing) with (crc redundancy adj check) | US-PGPUB; USPAT | OR | ON | 2009/03/04 06:56 |
| S138 | 2757 | true near4 random\$ | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:15 |
| S139 | 1500 | true adj random\$ | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:15 |
| S140 | 2 | true adj random\$ with error adj correction | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:15 |
| S141 | 16 | true adj random\$ with recording | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:16 |
| S142 | 556 | true adj random\$ with generator | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:17 |

| | | | | | | |
|------|-------|--|--------------------|----|----|---------------------|
| S143 | 509 | true adj random\$ with generator with (number data) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:17 |
| S144 | 183 | true adj random\$ with generator with (number data) | USPAT | OR | ON | 2009/03/04 07:17 |
| S145 | 13503 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:20 |
| S146 | 102 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) with (ecc error adj correct \$ adj code mac error adj check\$ adj code) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:20 |
| S147 | 3 | S146 not S135 | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:21 |
| S148 | 53 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) with (crc redundancy adj check) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:21 |
| S149 | 4 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) with (track) with sector | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:22 |
| S150 | 143 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) and (track) with sector | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:22 |
| S151 | 1 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) and (track) with sector with (divide dividing ratio quotient divided) with frame | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:23 |

| | | | | | | |
|------|----|--|---|----|----|------------------|
| S152 | 41 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) and (track) with sector with (divide dividing ratio quotient divided) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:23 |
| S153 | 29 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:32 |
| S154 | 29 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check hamming humming) | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:33 |
| S155 | 2 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating) and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check hamming humming) | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 07:33 |
| S156 | 0 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating). clm. and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check hamming humming).clm. | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 07:46 |

| | | | | | | |
|------|----|--|-----------------|----|----|------------------|
| S157 | 2 | (random psuedo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating). clm. and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check hamming humming).clm. | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:47 |
| S158 | 2 | (random pseudo-random pseudorandom) near4 (data sequence string) near4 (generator generate generating produce create creating). clm. and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check hamming humming).clm. | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:48 |
| S159 | 12 | (random pseudo-random pseudorandom) near4 (data sequence string). clm. and (track) with sector with (divide dividing ratio quotient divided) and (ecc ecb error adj correct\$ crc redundancy adj check hamming humming).clm. | US-PGPUB; USPAT | OR | ON | 2009/03/04 07:48 |

3/4/2009 1:32:22 PM

C:\Documents and Settings\dcervetti\My Documents\EAST\Workspaces\10-828-327-10-15-2007.wsp